

Heitor Gouvêa

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SUMMARY

I am an independent "Anonymity & Privacy Researcher" working on projects that help people take control of their own security.

My work is focused on understanding threat models, analyzing existing applications and building intelligent tools to combat current and future security risk for both individuals or groups.

I have audited high profile websites for security vulnerabilities and have managed and worked in teams of software developers and computer scientists delivering high performance architectures.

I have experience developing in a wide array of programming languages including: Shell Script, JavaScript, Perl and Mojo Framework.

I have knowledge of telecommunication and internet protocols including, but not limited to: TCP/IP, UDP, HTTP, FTP, SSH, SMTP and Telnet.

When I am not doing any of that stuff I run a range of open source software projects: <https://github.com/GouveaHeitor>

EXPERIENCE

Anonymity & Privacy Researcher

05/2017 - PRESENT

Independent

I work independently conducting research and writing articles on the areas of cryptology (cryptography and cryptanalysis). I also codify some tools so that people can take control of their right to privacy and anonymity in cyberspace. Whenever possible, I speaking voluntarily on the subjects of: cryptology, social movements, anonymity and privacy.

Trainee

04/2016 - PRESENT

IMA - Informática de Municípios Associados S/A

Main activities: vulnerability analysis, development and maintenance of government web systems using PHP with Symfony.

CERTIFICATIONS

SFC - Scrum Fundamentals Certified

License Number: 563905

The purpose of the exam is to confirm you have basic understanding of the Scrum Framework.

TECHNICAL SKILLS

Front-end development:

HTML5, CSS3, MaterializeCSS, Sass, JavaScript, TypeScript and AngularJS.

Back-end development:

Shell Script, Perl and Mojo Framework.

Database: MySQL and MongoDB.

Tools: Bower, Git, Npm, Jekyll, Grunt and Docker.

Information Security:

vulnerability analysis, penetration testing, cryptography and cryptanalysis.

Agile Methods: Scrum and Extreme Programming.

Network: TCP/IP, UDP, HTTP, FTP, SSH, SMTP and Telnet.

Mobile development: Ionic Framework.

Others: Web performance, SEO, Responsive Design, Cross-browser, Design Patterns, OOP, UML and Linux Administration.

LANGUAGES

Brazilian Portuguese: native proficiency.

Angolan Portuguese: limited working proficiency

English: limited working proficiency.